

# ANPR Access V2 Long-Range

license plate camera for vehicle access control

## Key features:

- ✓ all-in-one license plate camera
- ✓ automatic number plate reading
- ✓ range of action 6 - 10 meters (19 - 33 feet)
- ✓ all European countries on-board
- ✓ world-wide countries available
- ✓ easy user configuration
- ✓ Power over Ethernet (PoE)
- ✓ built-in Wiegand modes



The ANPR Access V2 is an all-in-one license plate camera, including embedded software, analyzer and IR illuminator. The ANPR Access V2 Long-Range offers a range of action of 6 - 10 meters (19 - 33 feet).

This robust camera ensures a smooth traffic flow. Typical applications include vehicle access control, automatic toll collection, free flow applications at parking facilities or other situations in which it is difficult to issue RFID tags. If vehicles need to be granted access temporarily or incidentally, the license plate camera is the perfect solution.

## Libraries

The ANPR Access V2 camera has 28 European libraries on board (default). World-wide libraries supporting a large range of IR-reflective license plates are available on the partner portal.

## User-friendly configuration

The web based software enables easy configuration of the ANPR Access V2. It allows for configuration of the output messages for RS485, Wiegand or Ethernet. In addition, digital I/O, region of interest, network settings, etc. can be defined.

## Stand-alone solution

The option to configure white lists in the software enables the camera to be used as a stand-alone solution.

## Easy installation

A mounting bracket is standard included with the ANPR Access V2 to ensure easy installation. With this bracket, the license plate camera can be mounted onto a wall or pole. It also enables adjusting of the camera at the desired angle to ensure reliable reading.

## Communication interfaces

The ANPR Access V2 supports the industry-standard communication interfaces: RS485, Wiegand and Ethernet. This enables seamless integration into any existing or new access control or parking system.

## Wiegand Interface

As most access control panels support Wiegand, the ANPR Access V2 converts license plate numbers into Wiegand ID strings. This standard included Wiegand option ensures easy and seamless integration into any existing or new access control panel.

| Technical information      | ANPR Access V2 Long-Range   |
|----------------------------|---|
| Part number                | 9986898 ANPR Access V2 Long-Range   |
| Dimensions                 | 221 x 131 x 126 mm (8.7 x 5.2 x 5 in)   |
| Color                      | Cover RAL5011, housing RAL9006  |
| Weight                     | 2.5 kg (5.5 lbs)  |
| Protection class           | IP65 (approx. NEMA4x)   |
| Material                   | Cover ABS, Housing Die-casting ADC12  |
| Operating temperature      | -30... +55°C (-22... +140°F)  |
| Storage temperature        | -20 ... +55°C (-4... +131°F)  |
| Relative humidity          | 10% ... 93% relative humidity, non-condensing   |
| Power supply               | 24 VDC +10% linear supply recommended or PoE  |
| Power consumption          | 13W   |
| Read range                 | distance: 6 - 10 meters (19 - 33 feet)<br>width: Up to 3,5 meters (11.5 feet)   |
| Object speed               | Up to 140 km/h (87 mph) at appropriate distance   |
| Supported license plates   | IR reflective number plate models - An overview of available countries can be found here:<br><a href="http://www.nedapidentification.com/anpr-countries">www.nedapidentification.com/anpr-countries</a> |
| Camera optics              | C-mount lens  |
| Image sensing resolution   | 2 MegaPixel BW  |
| Camera illuminator         | 8 high power leds IR850 nm  |
| Camera optics              | 25 mm   |
| Communication interfaces   | RS485 -1 line half duplex baud rate 1200, cable distance 1200 meter (3937 feet)<br>Ethernet - 10/100 Mbps, TCP, UDP, FTP, HTTP, DHCP<br>Wiegand - 26 SHA1 and 64  |
| Relay output               | 2 relay outputs   |
| Input                      | 2 digital inputs (opto-isolated)  |
| Output                     | Number plate character string and/or images   |
| Cable specifications       | Network (CAT5E)<br>Power + IO (LiCY) 8 x 2 x 0.14 mm <sup>2</sup>   |
| Cable length               | Network: 5 meters (16.4 feet)<br>Power + IO: 5 meters (16.4 feet)   |
| Data message customization | String syntax fully configurable for integration with access control systems and third party software.  |
| Storage                    | 4GB all purpose storage   |
| Standards                  | CE  |
| Included accessories       | Pole/wall mounting kit included   |
| Document version number    | 1.3   |